

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/510,507
Source: PG/10
Date Processed by STIC: 10/16/04

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/16/2004

PATENT APPLICATION: US/10/510,507

TIME: 09:08:29

Input Set : A:\2543-1-039PCTUS - SEQ LIST.txt

Output Set: N:\CRF4\10162004\J510507.raw

```

3 <110> APPLICANT: Terrett, Jonathan A
5 <120> TITLE OF INVENTION: DIAGNOSIS OF CARCINOMA USING RAIG1 POLYPEPTIDES
7 <130> FILE REFERENCE: 2543-1-039PCT/US
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/510,507
C--> 10 <141> CURRENT FILING DATE: 2004-10-07
12 <150> PRIOR APPLICATION NUMBER: GB0208331.9
13 <151> PRIOR FILING DATE: 2002-04-11
15 <150> PRIOR APPLICATION NUMBER: GB0221538.2
16 <151> PRIOR FILING DATE: 2002-09-17
18 <160> NUMBER OF SEQ ID NOS: 4
20 <170> SOFTWARE: PatentIn version 3.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 357
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
29 Met Ala Thr Thr Val Pro Asp Gly Cys Arg Asn Gly Leu Lys Ser Lys
30 1 5 10 15
33 Tyr Tyr Arg Leu Cys Asp Lys Ala Glu Ala Trp Gly Ile Val Leu Glu
34 20 25 30
37 Thr Val Ala Thr Ala Gly Val Val Thr Ser Val Ala Phe Met Leu Thr
38 35 40 45
41 Leu Pro Ile Leu Val Cys Lys Val Gln Asp Ser Asn Arg Arg Lys Met
42 50 55 60
45 Leu Pro Thr Gln Phe Leu Phe Leu Leu Gly Val Leu Gly Ile Phe Gly
46 65 70 75 80
49 Leu Thr Phe Ala Phe Ile Ile Gly Leu Asp Gly Ser Thr Gly Pro Thr
50 85 90 95
53 Arg Phe Phe Leu Phe Gly Ile Leu Phe Ser Ile Cys Phe Ser Cys Leu
54 100 105 110
57 Leu Ala His Ala Val Ser Leu Thr Lys Leu Val Arg Gly Arg Lys Pro
58 115 120 125
61 Leu Ser Leu Leu Val Ile Leu Gly Leu Ala Val Gly Phe Ser Leu Val
62 130 135 140
65 Gln Asp Val Ile Ala Ile Glu Tyr Ile Val Leu Thr Met Asn Arg Thr
66 145 150 155 160
69 Asn Val Asn Val Phe Ser Glu Leu Ser Ala Pro Arg Arg Asn Glu Asp
70 165 170 175
73 Phe Val Leu Leu Leu Thr Tyr Val Leu Phe Leu Met Ala Leu Thr Phe
74 180 185 190
77 Leu Met Ser Ser Phe Thr Phe Cys Gly Ser Phe Thr Gly Trp Lys Arg
78 195 200 205
81 His Gly Ala His Ile Tyr Leu Thr Met Leu Leu Ser Ile Ala Ile Trp

```

RAW SEQUENCE LISTING

DATE: 10/16/2004

PATENT APPLICATION: US/10/510,507

TIME: 09:08:29

Input Set : A:\2543-1-039PCTUS - SEQ LIST.txt

Output Set: N:\CRF4\10162004\J510507.raw

```

82      210      215      220
85 Val Ala Trp Ile Thr Leu Met Leu Pro Asp Phe Asp Arg Arg Trp
86 225      230      235      240
89 Asp Asp Thr Ile Leu Ser Ser Ala Leu Ala Asn Gly Trp Val Phe
90      245      250      255
93 Leu Leu Ala Tyr Val Ser Pro Glu Phe Trp Leu Leu Thr Lys Gln Arg
94      260      265      270
97 Asn Pro Met Asp Tyr Pro Val Glu Asp Ala Phe Cys Lys Pro Gln Leu
98      275      280      285
101 Val Lys Lys Ser Tyr Gly Val Glu Asn Arg Ala Tyr Ser Gln Glu Glu
102      290      295      300
105 Ile Thr Gln Gly Phe Glu Glu Thr Gly Asp Thr Leu Tyr Ala Pro Tyr
106 305      310      315      320
109 Ser Thr His Phe Gln Leu Gln Asn Gln Pro Pro Gln Lys Glu Phe Ser
110      325      330      335
113 Ile Pro Arg Ala His Ala Trp Pro Ser Pro Tyr Lys Asp Tyr Glu Val
114      340      345      350
117 Lys Lys Glu Gly Ser
118      355
121 <210> SEQ ID NO: 2
122 <211> LENGTH: 2302
123 <212> TYPE: DNA
124 <213> ORGANISM: Homo sapiens
126 <400> SEQUENCE: 2
127 ccaaggtctc cccagcact gaggagctcg cctgctgcc ttttgcgcgc gggaagcagc 60
129 accaagttca cggccaacgc cttggcacta gggctcagaa tggtacaac agtcctgat 120
131 gggtgcccga atggcctgaa atccaagtac tacagacttt gtgataaggc tgaagcttgg 180
133 ggcacgtctc tagaaacggt ggccacagcc ggggttgtga cctcgggtggc cttcatgctc 240
135 actctcccga tctcgtctg caaggtgcag gactccaaca ggcgaaaaat gctgcctact 300
137 cagtttctct tctcctggg tgtgttgggc atctttggcc tcaccttcgc cttcatcatc 360
139 ggactggacg ggagcacagg gccacacgc ttcttctct ttgggatcct cttttccatc 420
141 tgcttctcct gcctgctggc tcatgctgtc agtctgacca agctcgtccg ggggaggaag 480
143 cccctttccc tggttggtgat tctgggtctg gccgtgggct tcagcctagt ccaggatggt 540
145 atcgtctatt aatatattgt cctgaccatg aataggacca acgtcaatgt cttttctgag 600
147 ctttccgctc ctgctcgcaa tgaagacttt gtctctctgc tcacctacgt cctcttcttg 660
149 atggcgctga ctttctcat gtctctcttc acctctctgt gttctttcac gggctggaag 720
151 agacatgggg cccacatcta cctcacgatg ctctctcca ttgccatctg ggtggcctgg 780
153 atcaccctgc tcatgcttcc tgactttgac cgcaggtggg atgacaccat cctcagctcc 840
155 gccttggtcg ccaatggctg ggtgttctct ttggcttatg ttagtcccga gttttggctg 900
157 ctcaaaaagc aacgaaaccc catggattat cctggtgagg atgctttctg taaacctcaa 960
159 ctctgtaaga agagctatgg tgtggagaac agagcctact ctcaagagga aatcactcaa 1020
161 gggttttgaag agacagggga cacgctctat gcccctatt ccacacattt tcagctgcag 1080
163 aaccagcctc cccaaaagga attctccatc ccacgggccc acgcttggcc gagcccttac 1140
165 aaagactatg aagtaaagaa agagggcagc taactctgtc ctgaagagtg ggacaaatgc 1200
167 agccgggccc cagatctagc gggagctcaa agggatgtgg gcgaaatctt gagtcttctg 1260
169 agaaaactgt acaagacact acgggaacag tttgcctccc tcccagcctc aaccacaatt 1320
171 cttccatgct ggggctgatg tgggctagta agactccagt tcttagaggc gctgtagtat 1380
173 tttttttttt ttgtctcatc ctttggatac ttcttttaag tgggagctc aggcaactca 1440
175 agtttagacc cttactcttt ttgtttgttt tttgaaacag gatcttgctc tgtcaccag 1500

```

RAW SEQUENCE LISTING

DATE: 10/16/2004

PATENT APPLICATION: US/10/510,507

TIME: 09:08:29

Input Set : A:\2543-1-039PCTUS - SEQ LIST.txt

Output Set: N:\CRF4\10162004\J510507.raw

```

177 gcttgagtgc agtgggtgcga tcacagccca gtgcagcctc gaccacctgt gctcaagcaa 1560
179 tcttcccatc tccatctccc aaagtgctgg gatgacaggc gtgagccaca gctcccagcc 1620
181 taggccccta atcttgctgt tattttccat ggactaaagg tctggtcacg tgagctcacg 1680
183 ctggctcaca cagctctagg ggctgtctcc tctaactcac agtgggtttt gtgaggctct 1740
185 gtggcccaga gcagacctgc atatctgagc aaaaatagca aaagcctctc tcagccact 1800
187 ggcttgaatc tacactggaa gccaaattgc tggcaccccc gctccccaac ccttcttgcc 1860
189 tgggtaggag aggctaaaga tcacctaaa tttactcatc tctctagtgc tgcctcacat 1920
191 tgggcctcag cagctcccca gcaccaattc acaggtcacc cctctcttct tgcactgtcc 1980
193 ccaaacttgc tgtcaattcc gagatctaata cccccctac gctctgccag gaattctttc 2040
195 agacctcact agcacaagcc cgggtgtctc ttgtcaggag aattttaga tcattctcac 2100
197 ttcaaattcc tggggctgat acttctctca tcttgacccc caacctctgt aaatagattt 2160
199 accgcattta cggctgcatt ctgtaagtgg gcatggctct ctaatggagg agtggtcatt 2220
201 gtataataag ttattcacct gagtatgcaa taaagatgtg gtggccactc tttcatgggtg 2280
203 gtggcagcaa aaaaaaaaaa aa 2302
206 <210> SEQ ID NO: 3
207 <211> LENGTH: 22
208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Primer
214 <400> SEQUENCE: 3
215 ctcgtaaga agagctatgg tc 22
218 <210> SEQ ID NO: 4
219 <211> LENGTH: 22
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Primer
226 <400> SEQUENCE: 4
227 cactcttcag gacagagtta gc 22

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/510,507

DATE: 10/16/2004

TIME: 09:08:30

Input Set : A:\2543-1-039PCTUS - SEQ LIST.txt

Output Set: N:\CRF4\10162004\J510507.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date